RICOH

Projectors

PJ WX4130 / PJ WX4130N

Ultra Short Throw

ansport quality improvements
Investigating the value travelers place on qualitative factors such as comfort and convenience, and practical ways to incorporate these factors into travel time values for planning and project evaluation.
Cycling
Walking
Tube
Car only
Mixed
Bus
Likes
Neutral
Dislikes
* This figure indicates worker perceptions of commuting by mode. Public transport users tend to dislike their commutes more than commuters using other modes.

Close range: distance from wall	Ultra lightweight	Compact upright design
11.7cm	3.0kg	Vertical

Combining a space-saving upright design and Ricoh's innovative free-form mirror system, the PJ WX4130 / PJ WX4130N brings cutting edge projector technology to the smallest spaces.

A record-breaking throw distance of just 11.7cm allows the projector to be placed just inches from the wall, ensuring that nothing comes between you and your message: no shadows; no noise; no glare. Use it to display images of up to 80 inches in meeting rooms, classrooms, museum displays, restaurants, bars, shops, window displays, anywhere there is a wall or flat surface to project upon.And because it is so compact and light, you can move it from room to room and even carry it to meetings off-site.

PJ WX4130 / PJ WX4130N

World's closest range projector:* can be placed just 11.7cm from the wall.

World's only ultra short throw projector:* compact, space-saving vertical design.

World's lightest ultra short throw projector:* weighs just 3kg for true portability.

* For mirror refection ultra-short throw projectors as of November 2011 (source: Ricoh)

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Flexibility and freedom of expression.

Business

Enables productive multimedia meetings in any open or enclosed space, from break-out areas to the smallest meeting room. Keeps the conference table free of clutter, heat and noise for neater, more productive meetings. A flexible, affordable alternative to large format displays for presenting company information and product details in reception areas, showrooms and on exhibition stands.

Education

Delivers fully interactive lessons without the distraction of on-screen shadows and glare from the projector lamp. Enhances formal and informal tutorials in the colleges, universities, laboratories and teaching hospitals with informative multimedia content. Ideal for temporary public information displays on open days and other occasions.

Retail

Grab the attention of passing shoppers with eye-catching shop window displays and advertisements. Place on the shop floor to drive further sales through the display of special offers and advertisements for related products. React more quickly to marketing opportunities by replacing posters with electronic information displays.

Leisure

Connect the projector to audio-visual equipment via the HDMI interface and show live sporting events, movies and other pre-recorded content.

A world of visual possibilities.

The PJWX4130 / PJWX4130N turns the smallest space into a multimedia meeting room or a showcase for your products and services. And that is just the start.

A fully featured projector in its own right, it has the versatility and flexibility to meet the diverse needs of any organisation in any industry.

It can be used with interactive whiteboards and retro-fit solutions, giving users more scope to engage with their audience, or with video and web conferencing systems for improved teamwork and faster decision-making.

With Ricoh's Tamago Presenter app, it can even be integrated with an iPad allowing you to control presentations from the tablet and share material with other iPad users.

PJ WX4130 Standard model

BRIGHTNESS 2500lm	1280 X 800 RESOLUTION WXGA
WEIGHT 3.0kg	QUICK START 5 SECOND
DISPLAY COLOURS 16.7 Million	CONNECTIVITY HDMI
SYNC TO INPUT SIGNAL AUTO SET	ASPECT RATIO 16:10
	PROJECTION SIZE 48-80″

PJ WX4130N Network model

All the benefits of the standard model plus:

WIRELESS & WIRED LAN	USB PC FREE MEMORY

Key features: easy to use & flexible.

Ricoh's innovative free-form mirror technology brings exciting new possibilities to presentations by making it possible to project onto large screens in even the tightest spaces.

Unlike the conventional

Ultra short throw
Traditionally front projection requires a long throw distance between the projector and screen, but the Ricoh PJWX4130/PJWX4130N can be placed below the projection surface, just centimetres from the wall, and still produce large images of up to 80 inches (diagonal).

Auto image optimisation

Automatic distortion adjustment
The projector automatically detects and compensates for keystone distortion in the vertical direction when images are projected. Adjustments can also be made manually using the remote control.

Wall colour correction
Automatically adjusts the colour of the projected image to compensate for the background colour of the whiteboard, blackboard, wall or other projection surface.

Low energy consumption

Standby mode
In regular standby mode, power consumption falls to just 0.17 W for lower energy bills.

Eco mode
Running costs can be cut further by selecting Eco mode to cut lamp intensity and power consumption by 25%. The remote control's Eco mode button makes it easy to turn the feature on and off.

Security as standard

Password setting & key lock
The projector can be protected with a password to restrict access and prevent unauthorised use. A useful key lock function prevents mistakes while operating the projector.

Intuitive operation

Quick start/shutdown
Rapid 3 second start-up makes these projectors deal for impromptu, ad hoc meetings.

User logo function
A company logo or standby message can be displayed while the projector is starting up or when there is no signal.

Future-proof

3D-ready
Optional PJ 3D Glasses can be used for viewing frame sequential 3D images.

PJ WX4130N: empowering your world.

The PJWX4130N boasts all the features of the PJWX4130, plus wired and wireless network connectivity, a USB port for PC-free presentations and enhanced device management.

Network connectivity

The PJWX4130N has built-in wired and wireless LAN connectivity and offers a choice of communication modes for projecting images:

Adhoc Communication Mode, where devices connected on a wireless LAN communicate directly with each other without the need for a wireless LAN access point in the conference or meeting room; and

Infrastructure Communication Mode, where communication is made via a router or hub.

The software has the ability to project the same image to four projectors, particularly useful for conferences and digital signage applications.

PC-free presentations

USB storage

A USB 2.0 interface allows JPEG images and MPEG2 video to be projected directly from USB memory devices for PC-free presentations. Ricoh software converts files created in Microsoft® PowerPoint® to JPEG format for storage on removable USB storage.

Projector management

PJLink Projector Utility

Utility software supplied with the PJ WX4130N lets you manage multiple projectors on a network and includes the ability to apply LAN settings and turn devices on and off remotely. Because the software is compatible with PJ Link, a standardised open protocol established by the Japan Business Machine and Information System Industries Association (JBMIA), you can also control other brands of network projector.

@Remote compatibility

To ensure the smooth running of projectors, the @ Remote remote diagnostics service monitors network projectors remotely over the internet providing operating status reports.

This service is not available in some countries.

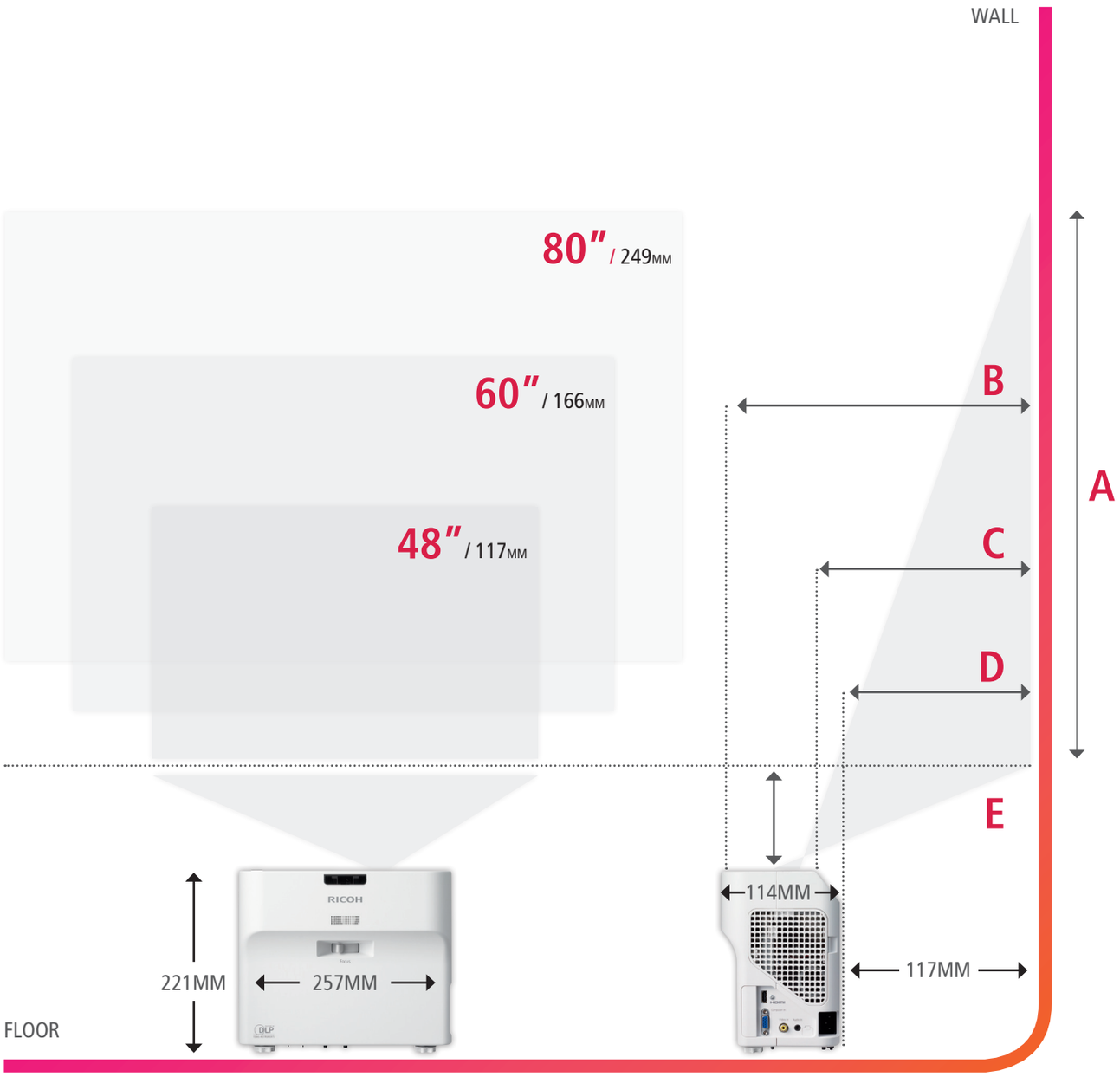
iPad Integration with Tamago Presenter

TAMAGO Presenter is a free software app that lets you use an iPad to control a presentation and share PDF material with up to 10 other iPads.

At its simplest, Tamago Presenter lets you take advantage of the wireless connection between a PJ WX4130N and iPad to deliver a PDF presentation without the complication of cables. Alternatively, a connection can be made using a VGA cable.

Restrictions as of November 2011: A maximum of five simultaneous meetings is recommended. Viewable document format: PDF documents (PDF version 1.5) only. Number of documents viewable in a single meeting: Max. 3 documents. Recommended viewable document size: Max. 10MB per document. Max. recommended number of participating terminals: 10 per meeting.

Versatile projection at ultra close range. Just 117mm!



	B. Distance from the screen to the front of the body.	**C.** Distance from the screen to the optical outlet.	**D.** Distance from the screen to the back of the body.	**E.** Distance from the top face of the body to the bottom of the projected image.
48 INCH	261mm	188mm	117mm	91mm
60 INCH	310mm	235mm	166mm	115mm
80 INCH	393mm	317mm	249mm	155mm

Specifications:

PJ WX4130 / PJ WX4130N

		PJ WX4130N	PJ WX4130
System		Single panel type DLP® system	
Resolution		1,024,000 pixels (1,280 x 800)	
Panel shape	Size	0.65 type	
	Aspect ratio	16:10	
Luminous flux (brightness)		2,500lm	
Colour reproduction		16,770,000 colours	
Contrast ratio		2,500:1	
Size of projected image		48" to 80"	
Projection distance (from rear of unit to projection surface)		11.7 to 24.9cm	
Lamp		High-pressure mercury lamp (standard mode: 225W, Eco mode: 170W)	
RGB compatible signals (analog, digital)	Real display	WXGA (1,280 x 800), XGA (1,024 x 768), SVGA (800 x 600 only), VGA (640 x 480)	
	Compressed representation	UXGA (1,600 x 1,200), SXGA (1,280 x 1,024)	
Input signals		NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL-60, component image (480i/p, 576i/p, 720p, 1080i/p)	
Analog RGB compatible scanning frequency *1	Horizontal	15 to 100kHz	
	Vertical	23 to 85Hz	
USB memory compatible file format *2		Still image: JPEG, Moving image: MPEG2	N/A
Interface	Image input	Mini D-Sub 15-pin x 1, HDMI type A x 1, RCA x 1	
	Audio input	3.5MM stereo mini pin jack x 1	
	USB	Type-A x 1 (USB 2.0 High-Speed)	N/A
	Wired LAN	RJ45 (10BASE-T/100BASE-TX/1000BASE-T x 1)	N/A
	Wireless LAN	IEEE 802.11a/b/g/n compliant *3	N/A
Supported OS	RICOH PJ Network Utility Type A	Windows® XP SP3 or later (Home/Professional) Windows Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *4 Windows® 7 (Ultimate/Enterprise/Professional/Home Premium) *4	N/A
	RICOH JPEG Conversion Tool Type A	Windows® XP SP3 or later (Home/Professional) Windows® XP 64-bit Edition (SP2 or later) (Professional) Windows Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *4 Windows® 7 (Ultimate/Enterprise/Professional/Home Premium) *4	N/A
	Projector Management Utility	Windows® XP SP3 or later (Home/Professional) Windows Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *5 Windows® 7 (Ultimate/Enterprise/Professional/Home Premium) *5	N/A
Built-in speaker		2W mono	
Dimensions (W x D x H)		257 x 144 x 221MM (including protrusions)	
Weight		Approx. 3.0kg	
Power consumption	While operating	Standard mode: 300W or less, Eco mode: 228W or less	Standard mode: 291W or less, Eco mode: 222W or less
	In standby	Regular standby mode: 0.17W or less Network standby mode: 0.46W or less *6	0.17W or less
Operating environment	While operating	Ambient temperature: 5 to 35°C, humidity: 30 to 70% (no condensation)	
Power		100 to 240V, 50 Hz / 60Hz	
Accessories packaged with projector	Cables	RGB cable (3M), 3-pin power cable (3M)	
	CD-ROM	User manual, RICOH PJ Network Utility Type A, RICOH JPEG Conversion Tool Type A, Projector Management Utility	User manual
	Carrying case	Exclusive carrying case external dimensions: 336 x 153 x 230MM (W x D x H)	
	Remote control	Wireless remote control, mouse remote receiver	Wireless remote control
Standard price		Price set by retailer	

*1: Preset to this range of supported signals. Signals that are not preset may not display even if they are within this range.

*2: When using the computer-free function. There is no guarantee that the images in every type of USB memory will display. They may not display because of the file.

*3: The 5.0G Hz band is not supported in the case of IEEE802.1 1a/n adhoc communication.
*4: 32-bit/64-bit OSs are supported.
*5: Not supported on 64-bit OSs.
*6: Only in case of wired LAN connection

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